

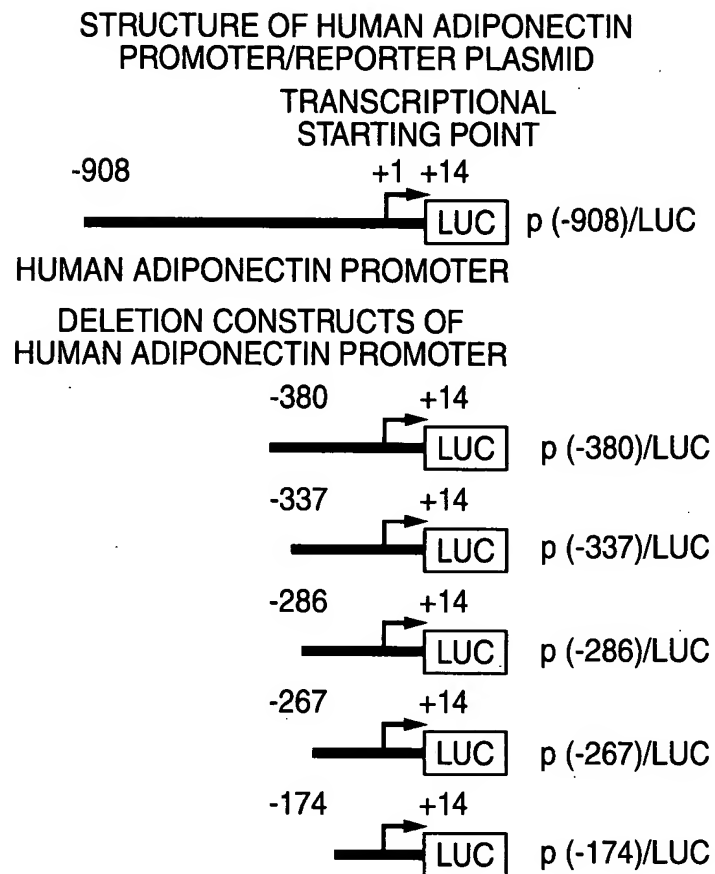


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FIG. 1

-908 CTTCTAGGCCAGAGCTGGGTTCCACAAGAGACAGAATAGG -868
CATATATATGCTTAAGGAACTGGAAAAACAGGCTCTCTCTCTCACAAA -818
CACACACACACATACCAAGGTAGCTGTCAAATGTTATCCGAAATTTT -768
GGAACCAAAAAATCTTGAAAGATGGTATTCCAATATCACATTTTATGTAA -718
GTTTTCTATTATATTAGATTCAAATTACGATTGAGGCCACAAGCTTTAA -668
GAATTCAGGGCCTTTTTAACTTGCCAAGCCCCACACCACTCCAGGAACTT -618
CCCCACACCCAGTTCTCAGAATTCATGTGCAAGGTCTTTCCTAAATCCA -568
GGGTCCAGGTCAGAGAGTGAGGATGTGCTCTATTTCTTACCTGATTGCA -518
GACCCCTCTGACAGTGCTCCCTTCTGAAGCACTCACTGTCTGAACGTACA -468
CAGTCTCAGACTTAATCATGCACAGTGAGCAAGACTGTGGTGTGATAATT -418
GGCGTCCCTGACTTATTAGGGCAAATCTATGGGAGGGGGAGACCTCCTGG -368
ACCACTGAGCAATTAATTCATTTACATTAGGAAGTTTCTCCGTCAGATGC -318
AGGAAAAAATCTTGTTTTCTGCTGTGGTTTTGACTTTTGCCCCATCTT -268
-285 -273
PPRE
CTGTTGCTGTTGTAGGAGGCAAAATAAGGGTCAAGGCCTGGAAACACAAG -218
-237 -229
LRH-RE
TGCTTTGACTGAAGCTCCACTTGGCTTCCGAAGCCCAAGCTGGGTTGTAC -168
CAGGTTCCCTAGGGTGCAGGCTGTGGGCAACTGCCAGGGACATGTGCCTG -118
CCCACCGCCTCTGGCCCTCACTGAGTTGGCCAATGGGAAATGACAATTG -68
TGAGGTGGGGACTGCCTGCCCCCGTGAGTACCAGGCTGTTGAGGCTGGGC -18
CATCTCCTCCTCACTTC / CATTCTGACTGCAG +14
-1 +1

FIG. 2



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FIG. 3

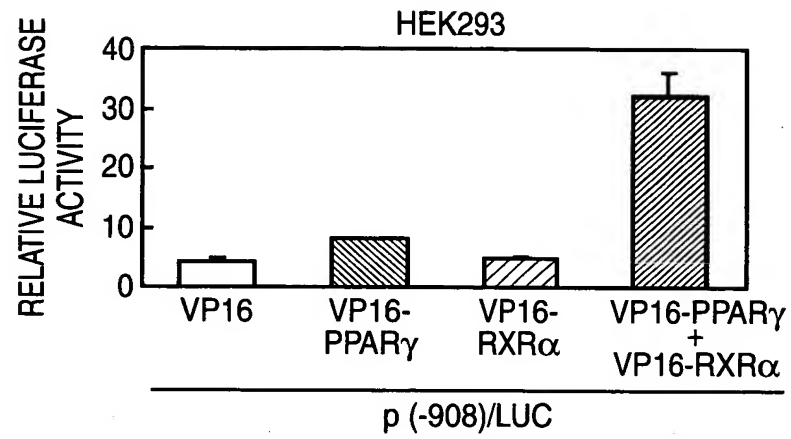


FIG. 4

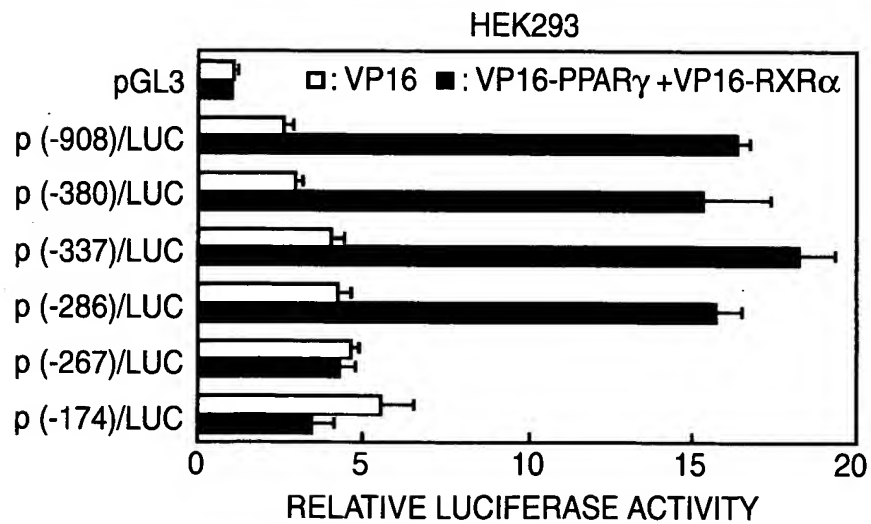


FIG. 5

GENE	PPRE SEQUENCE
HUMAN ADIPONECTIN	5'-GGGGCA A AAGTCA-3'
MOUSE aP2	5'-GGGTGA A ATGTGC-3' 5'-GGATCA G AGTTCA-3'
MOUSE c-Cbl BINDING PROTEIN	5'-AGGCTA A AGGTCA-3'
MOUSE LXR α	5'-GGGGCA A AGTTCA-3'
MOUSE AQUAPORIN ADIPOSE	5'-AGGGGA G AGGTCA-3'

FIG. 6

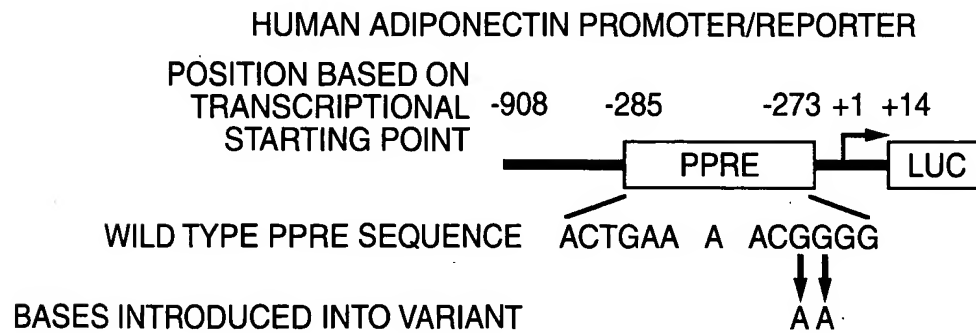
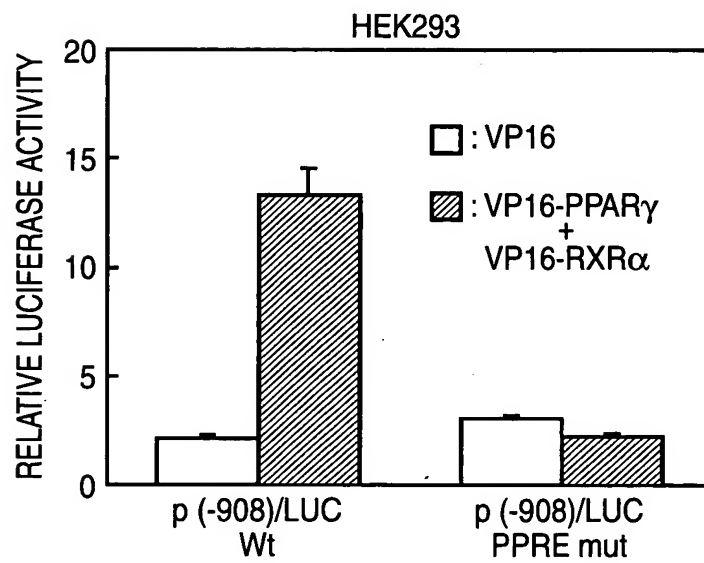


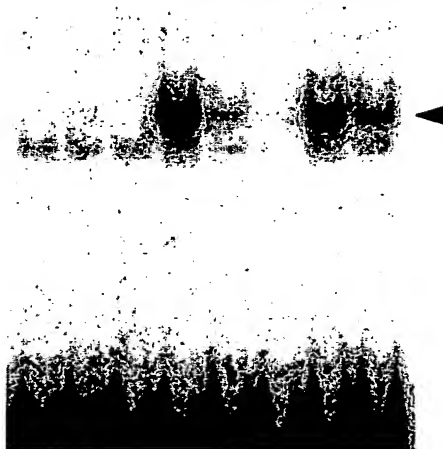
FIG. 7



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FIG. 8

NUCLEAR RECEPTORS	PPAR γ	-	+	-	+	+	+	+	+
SYNTHESIZED IN VITRO	RXR α	-	-	+	+	+	+	+	+
						PPRE	PPRE		
COMPETITIVE OLIGO DNA		-	-	-	-	wt	mut		
						X10	X50	X10	X50



LANE 1 2 3 4 5 6 7 8

FIG. 9

GENE	LRH-RE SEQUENCE
HUMAN ADIPONECTIN	5'-TCAAGGCCT-3'
RAT CYP7A1	5'-TCAAGGCCG-3'
HUMAN CYP7A1	5'-TCAAGGCCA-3'
HUMAN CETP	5'-GCAAGGTCC-3'
RAT CYP8B1	5'-GCAAGGTCC-3'
	5'-CCAAGGGCA-3'

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FIG. 10

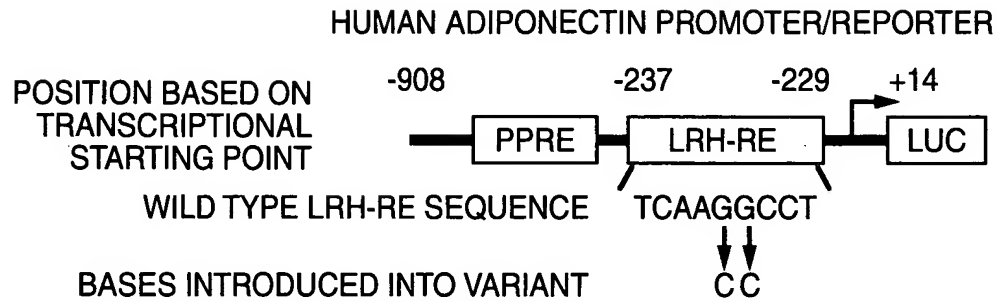


FIG. 11

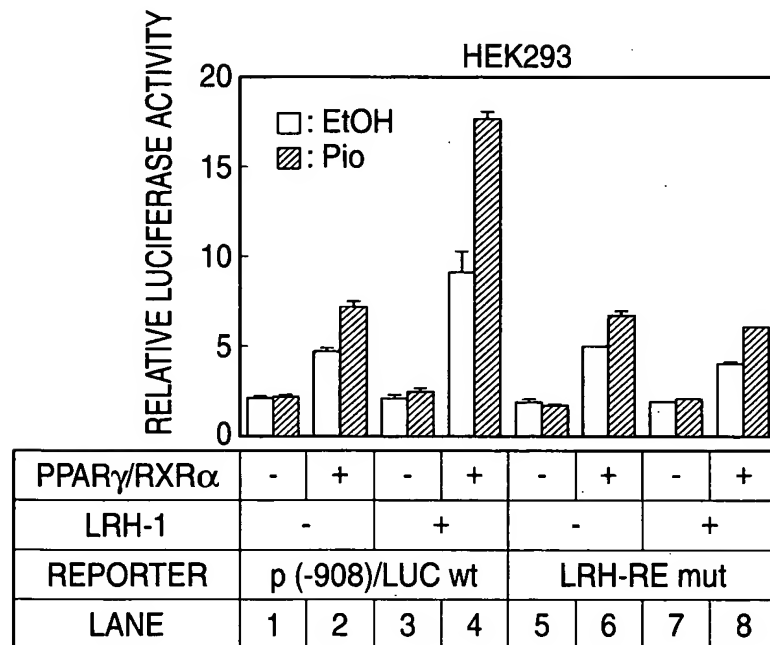


FIG. 12

NUCLEAR RECEPTORS SYNTHESIZED IN VITRO	LRH-1	-	+	+	+	+	+
						LRH-RE	LRH-RE
COMPETITIVE OLIGO DNA		-	-	wt	wt	mut	mut
				X10	X50	X10	X50



LANE 1 2 3 4 5 6

FIG. 13

